

LED Rope Light Color Consistency Notes

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LED rope lights bring beauty and energy efficiency to many residential and commercial decorating projects. Their flexibility and striking visual appeal are the pride and joy of many 1000Bulbs.com customers. (We love their pictures!) LED rope light colors, however, can vary. This variation is characteristic of all LED rope light on the market, regardless of manufacturer. Please consider the following information before purchasing LED rope lights.

Individual light emitting diodes (LEDs) vary greatly from one another over many parameters including brightness or light output and color. LED manufacturers test and group LEDs into bins (or ~~baskets~~) of similar products. ~~Tight bins~~ contain very similar (and therefore more expensive) LEDs. ~~Loose bins~~ contain less similar (and therefore less expensive) LEDs. Consequently, LED rope light color consistency may vary from spool to spool depending on bin tightness.

Color may vary over time, too. The phosphors used in some LEDs may degrade at different rates. Consequently, individual LED colors may vary over time.

Finally, LED brightness diminishes over time. Consequently, new additional spools or replacement sections may appear brighter than older, installed LED rope lights.

LED rope lights are some of the most sought after products on the 1000Bulbs.com website. It's our hope that these precautionary notes will add to their intelligent use. We are committed to our customers's satisfaction. Please let us know if we can help in any other way.